SGB USA

- Established as a US Corporation in 2009
- Located in Golden, CO 1500 MVA/year capacity
- USA assembly, packaging, test and service of SGB cast coil transformers
- 15 employees, 2012 sales of $12 million

- Designs for 2, 3, 4 and 6 MW turbines, air cooled pad mount and in-tower enclosed
- SGB USA as a supplier to the US wind market has delivered more than 700 transformers.
- Worldwide wind service over 4000 units
66 MVA//110 MVA  117/35 kV Autotransformer
Blattner Energy/Exelon Wind
Advantages of cast coil air cooled transformers

Safety first:
minimal fire risk
low fire load
flame resistant
self-extinguishing

No liquid coolants – no leaks – unrestricted installation possibilities

Low maintenance – long service life

Simply increased performance by fans.

Considerably lower current density in the windings compared to liquid cooled make them capable of short time load peaks without over-sizing.

The green solution: no harmful residue, closed loop Manufacturing, 90% recyclable

In-Tower products provide for a smaller site footprint and no need for an external pad.

SGB’s innovative design leads the industry in reliability.
SGB Reliability

- ANSI standard designs since 1988 installed in the United States since 2001 – zero failures

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MTBF (Mean Time Between Failure) 1990 - 2010

12,446,845,0 h = 1420 Years

(24h/d ; 365d/Y)